INTERNATIONAL SEARCH REPORT

Inte ional Application No

		P	PCT/GB 99/02110	
A. CLASSI IPC 7	IFICATION OF SUBJECT MATTER H04B1/62 H03F1/32			
	o International Patent Classification (IPC) or to both national classific	cation and IPC		
	SEARCHED			
IPC 7	ocumentation searched (classification system followed by classification H04B H03F			
· · · · · · · · · · · · · · · · · · ·	tion searched other than minimum documentation to the extent that s			
Electronic u	lata base consulted during the international search (name of data ba	ise and, where practical, se	arch terms used)	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT			
Category °	Citation of document, with indication, where appropriate, of the rel	levant passages	Relevant to claim No.	
X	US 5 770 971 A (MCNICOL JOHN DUNCAN) 23 June 1998 (1998-06-23)		1-4,9, 11, 13-17, 21,24	
	abstract column 1, line 14 - line 22 column 2, line 5 - line 67 column 5, line 52 -column 7, line figures 2,4 column 9, line 32 - line 42			
X	EP 0 544 117 A (NIPPON ELECTRIC 0 2 June 1993 (1993-06-02) page 3, line 54 -page 4, line 15;	1,2,4-6, 11,21,24		
		-/		
<u> </u>	ner documents are listed in the continuation of box C.	X Patent family men	nbers are listed in annex.	
* Special car	tegories of cited documents:		ed after the international filing date	
consider d	ent defining the general state of the art which is not lered to be of particular relevance document but published on or after the International	or priority date and no cited to understand the invention	t in conflict with the application but e principle or theory underlying the	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication data of enabler.			resevance; the claimed invention novel or cannot be considered to tep when the document is taken alone resevance; the claimed invention	
"O" docume	ent referring to an oral disclosure, use, exhibition or	cannot be considered document is combined	to involve an inventive step when the dwith one or more other such docu-	
orner n	neans int published prior to the international filing date but	ion being obvious to a person skilled ne same patent family		
	october 1999	1	international search report	
Name and m	nailing address of the ISA	A cath a decad officer		
Numo uno	European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer		
	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Bossen, M		

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(Continua	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
	от посменени, тип высыкли, where appropriate, от the relevant passages	nerevant to claim No.	
1	EP 0 580 125 A (ORTEL CORP) 26 January 1994 (1994-01-26) page 3, column 3, line 33 -column 4, line 29; figure 1	13-16	
A	EP 0 774 833 A (NIPPON TELEGRAPH & TELEPHONE) 21 May 1997 (1997-05-21) page 4, column 5, line 4 -column 6, line 9; figure 3	18,22	
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In. .rational application No. PCT/GB 99/02110

INTERNATIONAL SEARCH REPORT

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 25-28 because they relate to subject matter not required to be searched by this Authority, namely: Rule 6.2 (a)
Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

information on patent family members

Int :lonal Application No PCT/GB 99/02110

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